

## Message Text

UNCLASSIFIED

PAGE 01 LISBON 06033 141503Z  
ACTION OES-09

INFO OCT-01 EUR-12 NEA-10 ISO-00 SOE-02 AID-05 CEA-01  
CIAE-00 COME-00 DODE-00 EB-08 DOE-15 H-02 INR-10  
INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-05 ICA-20  
SP-02 SS-15 STR-07 TRSE-00 ACDA-12 /150 W  
-----088325 142359Z /21

R 141107Z AUG 78  
FM AMEMBASSY LISBON  
O RUEHC/SECSTATE WASHDC 6694  
INFO AMEMBASSY ROME  
AMEMBASSY MADRID  
AMEMBASSY PARIS  
AMEMBASSY BELGRADE  
AMEMBASSY ATHENS  
AMEMBASSY CAIRO  
AMEMBASSY ALGIERS  
AMEMBASSY TEHRAN  
AMEMBASSY TEL AVIV  
AMCONSUL MILAN

UNCLAS LISBON 6033

E.O.11652: N/A  
TAGS: ENGR, TECH, BEXP, PO  
SUBJ: MEDITERRANEAN BASIN ENERGY CONSERVATION  
TECHNOLOGY EXHIBITION AND CONFERENCE;  
US TRADE CENTER, MILAN, MARCH 26-30, 1979

REF: A) USDOC 1350; B) STATE 150425

FOLLOWING IS INFORMAION POST HAS DEVELOPED IN RESPONSE  
TO THE QUESTIONS POSED IN REF B (DATA IS FOR 1976  
IN UNITS OF 10 CUBIC TEP).

1. MAJOR COMMERCIAL AND INDUSTRIAL ENERGY USERS:  
OTAL MANUFACTURING INDUSTRIES, 2563.6 (100 PERCEN)  
UNCLASSIFIED

UNCLASSIFIED

PAGE 02 LISBON 06033 141503Z

OF WHICH	
CEMENT	553.9 (21.6 PERCENT)
CHEMICAL	298.4 (11.6 PERCEN)
PAPER	278.6 (10 PERCENT)
TEXTILE	250.8 (9.8 PERCENT)
FOOD	231.5 (9.0 PERCEN)
STEEL	204.6 (8.0 PERCEN)

GLASS	95.4 (3.7 PERCENT)
CERAMIC	81.3 (3.2 PERCENT)
OTHER	569.1 (22.2 PERCENT)

SERVICES OF WHICH,

ROAD TRANSPORTATION	1460.8 (71.8 PERCENT)
MARITIME TRANSPORTATION	240.9 (11.8 PERCENT)
AIR TRANSPORTATION	218.6 (10.8 PERCENT)
RAILROADS	78 (3.8 PERCENT)
ELECTRIC TRAMS	20 (1.0 PERCENT)
OTHER	14.9 (1.0 PERCENT)

2. PRIMARY FORMS OF ENERGY CONSUMED BY EACH SECTOR: IN MANUFACTURING INDUSTRIES, PETROLEUM ACCOUNTS FOR BETWEEN 80-90 PERCENT OF ENERGY CONSUMPTION IN CEMENT, GLASS, PAPER, FOOD AND CERAMIC SECTORS, WITH ELECTRICITY SUPPLYING THE REMAINDER; IN CHEMICAL SECTOR, PETROLEUM SUPPLIES 57 PERCENT OF ENERGY USAGE, ELECTRICITY 36 PERCENT, AND COAL 7 PERCENT; FOR STEEL SECTOR, COAL SUPPLIES 72 PERCENT, ELECTRICITY 15 PERCENT, AND PETROLEUM 13 PERCENT; IN TEXTILE SECTOR PETROLEUM ACCOUNTS FOR 67 PERCENT OF CONSUMPTION, AND ELECTRICITY THE REMAINDER.

IN SERVICE (TRANSPORT) INDUSTRIES, PETROLEUM ACCOUNTS FOR ENTIRE ROAD, MARITIME AND AIR TRANSPORT USAGE; RAIL TRANSPORTATION CONSUMES 75 PERCENT PETROLEUM AND 25 PERCENT COAL, WHEREAS ELECTRICITY IS SOLE SOURCE FOR TRAMS.

UNCLASSIFIED

UNCLASSIFIED

PAGE 03 LISBON 06033 141503Z

3. NO INFORMATION

4. NO INFORMATION, APART FROM THE GENERAL OBSERVATION THAT THE OVERRIDING CONCERN WITHIN MOST SECTORS OF THE PORTUGUESE ECONOMY IS THAT OF INCREASING OUTPUT AND PRODUCTIVITY. IT IS DOUBTFUL THERE HAS BEEN MUCH, IF ANY FOCUS ON THE MERITS AND/OR COST/BENEFITS OF ADOPTING NEW ENERGY CONSERVATION TECHNOLOGY, WITH THE POSSIBLE EXCEPTION OF RECENT PROJECTS IN HIGH ENERGY CONSUMPTION SECTORS -- EG., CEMENT, CHEMICALS. THE GOV RECENTLY IMPLEMENTED AN ECONOMIC STABILIZATION PROGRAM WHICH INCLUDES SEVERE CREDIT RESTRAINTS. AS A RESULT COMPANIES ARE UNLIKELY TO EARMARK FUNDS FOR CONSERVATION-RELATED INVESTMENTS IN 1979.

5. THE PORTUGUESE GOVERNMENT HAS YET TO FOCUS ON ENERGY CONSERVATION, EXCEPT TO USE THE PRICE MECHANISM AS A TOOL TO LIMIT GROWTH OF CONSUMPTION OF PETROLEUM PRODUCTS. THE GOVERNMENT'S EFFORTS HAVE BEEN CONCENTRATED ON DEVELOPING AND IMPLEMENTING A STABILIZATION PROGRAM WHICH WOULD EASE THE COUNTRY'S SERIOUS BALANCE OF PAYMENTS DEFICIT, AND HIGH INFLATION RATE. AN ENERGY DIRECTORATE, WHICH WILL INCLUDE AN ENERGY

CONSERVATION OFFICE, IS PRESENTLY BEING ESTABLISHED WITHIN THE  
MINISTRY  
OF INDUSTRY. IN THE PRESENT ECONOMIC SETTING, THE GOP IS  
UNLIKELY TO INVEST SUBSTANCIAL FUNDS IN ENERGY  
CONSERVATION TECHNOLOGY.  
ROWELL

UNCLASSIFIED

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 jan 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** ENERGY, CONSERVATION, TRADE, TRADE CENTERS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 14 aug 1978  
**Decaption Date:** 01 jan 1960  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 jan 1960  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1978LISBON06033  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D780332-0778  
**Format:** TEL  
**From:** LISBON  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1978/newtext/t19780868/aaaacesl.tel  
**Line Count:** 122  
**Litigation Code IDs:**  
**Litigation Codes:**  
**Litigation History:**  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Message ID:** e3f60d64-c288-dd11-92da-001cc4696bcc  
**Office:** ACTION OES  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 3  
**Previous Channel Indicators:** n/a  
**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** 78 STATE 150425  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 29 mar 2005  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** N/A  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 1750814  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** MEDITERRANEAN BASIN ENERGY CONSERVATION TECHNOLOGY EXHIBITION AND CONFERENCE; US TRADE CENTER, MILAN, MARCH 26-30, 1979  
**TAGS:** ENRG, TECH, BEXP, PO  
**To:** STATE  
**Type:** TE  
**vdkgvwkey:** odbc://SAS/SAS.dbo.SAS\_Docs/e3f60d64-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Sheryl P. Walter  
Declassified/Released  
US Department of State  
EO Systematic Review  
20 Mar 2014  
**Markings:** Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014